



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBT112800-1
Job Sheet 189111



Part No: RBT112800-1

Job Qty: 20 pcs

Part Name: Base



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/18/19

Job Tracking No:

Due Date: 2/15/19 ✓

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG RBT112800 Rev 3A IPP Rev A 18.01.12 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	SL-2500Y - 1	20 pcs		2/15/19	0.50	20.00	SL-2500Y - 1		SL
120	QC 2	20 pcs		2/15/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		SL
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 38		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 54		
							QC 2 - 56		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S148631



Part: RBT112800-1

Job No: 189111

Serial No/Batch: S148631

Revision: 3A

Inspector:

Exp Date:

Instructions:

Date: 01/26/19

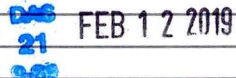
130	QC 8	20 pcs	2/15/19	0.00	0.00	QC 2 - 8	
						QC 8 - 12	
						QC 8 - 14	OK 19/01/29
						QC 8 - 17	
						QC 8 - 20	
						QC 8 - 25	
						QC 8 - 3	
						QC 8 - 32	
						QC 8 - 33	
						QC 8 - 35	
						QC 8 - 38	
						QC 8 - 39	
						QC 8 - 4	
						QC 8 - 44	
						QC 8 - 45	
						QC 8 - 49	
						QC 8 - 58	
						QC 8 - 8	
						QC 8 - 9	
						QC 8 - 68	
						QC 8 - 67	
						QC 8 - 1 (A)	
150	Outsource - 4 - Anodize	20 pcs	2/15/19			ATG001-VC	10
160	Packaging 2-1 - Receive - B4B	20 pcs	2/15/19	0.00	0.00	Packaging 2 - 1 - B4B	CT 19-01-30
						Packaging 2 - 2 - B4B	
						Packaging 2 - 3 - B4B	
						Packaging 2 - 5 - B4B	
						Packaging 2 - 4 - B4B	
						Packaging 2 - 6 - B4B	
						Packaging 2 - 7 - B4B	
						Packaging 2 - 8 - B4B	
						Packaging 2 - 9 - B4B	
						Packaging 2 - 10 - B4B	
						Packaging 2 - 11 - B4B	
						Packaging 2 - 12 - B4B	
						Packaging 2 - 13 - B4B	
						Packaging 2 - 14 - B4B	
						Packaging 2 - 15 - B4B	
						Packaging 2 - 16 - B4B	
						Packaging 2 - 17 - B4B	
						Packaging 2 - 18 - B4B	
						Packaging 2 - 19 - B4B	
						Packaging 2 - 20 - B4B	
						Packaging 2 - 21 - B4B	
						Packaging 2 - 22 - B4B	
						Packaging 2 - 23 - B4B	
						Packaging 2 - 24 -	

				B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
170 QC 6	20 pcs	2/15/19	0.00 0.00	QC 6 - 38	
				QC 6 - 42	
				QC 6 - 9	
				QC 6 - 68	
				QC 6 - 61	
180 Packaging 3-1 - Stock - B4B	20 pcs	2/15/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	

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					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
190 QC 21 - SA	20 pcs	2/15/19	0.00	0.00	QC 21 - SA - 21	
					QC 21 - SA - 70	

Part Op 110 - SL2500Y (MORI SL2500Y LATHE) 1-Machine as per folio FB745 FOLIO REV: AA DWG REV: 3A 2-Debur

120 - (QC2- Inspect parts off machine FAI/FAIB)

130 - (QC8- Inspect parts - second check)

150 - (Outsource process-Anodize per QSI017 4.1.10.1) -Issue P/O to ATG: _____ - ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL As per Dwg RBT112800 Rev. 3A -Certificate of Conformity is required

160 - (Receive & Inspect for Damage & Mat'l Certs)

170 - (QC6- All purchased or subcontracted products)

180 - (Identify as per dwg & Stock Location: _____)

190 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M6061T6R4.000	6061-T6 Round Bar 4.000"	2 ft (.1 ea)	110-SL-2500Y - 1	<u>5143139</u>

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-SL-2500Y - 1	M6061T6R4.000	2	2	0

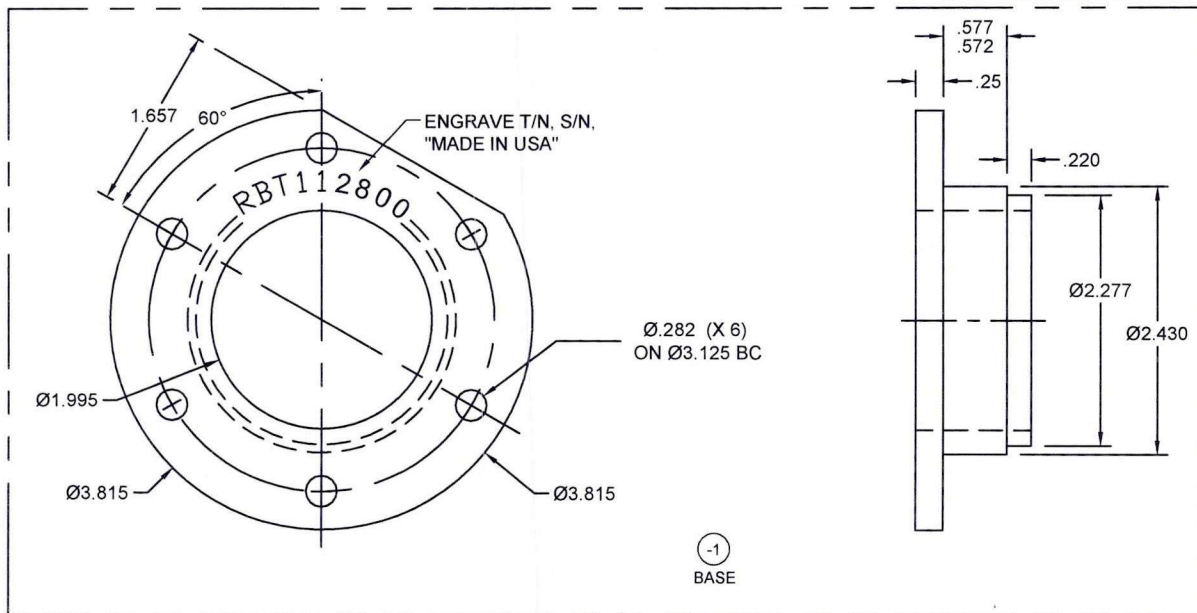
Part Specifications

Specifications could not be found.

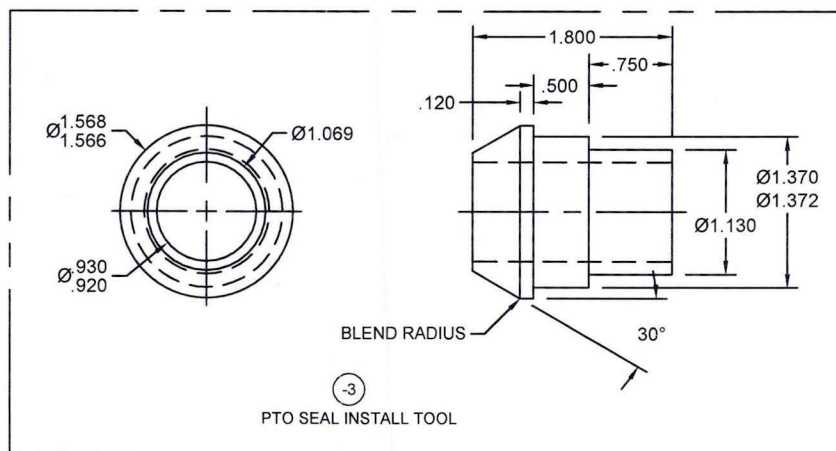
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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	UPDATED TOOL PER MAINTENANCE & ENGINEERING UPDATE.	4/12/02		
2	CHANGED -3 DIA. 1.363 & 1.53 TO SHOWN.	7/27/05		
3	ADDED FLANGE TRIM & -3 DIA. CHANGE FROM .850 TO .920.	5/15/06		
3A	CH'D TITLEBLOCK & REVISION BLOCK, ADDED ENGRAVE NOTE -1.	1/26/10	RJC	RW



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 189111 ALJ
19-01-18



ASSY QTY	ASSY QTY	B/O	PART #	QTY	DESCRIPTION	MATERIAL	B/O INFORMATION OR SPECIFICATIONS
		-1	1	1	BASE	6061	Ø3-7/8 x 1
		-3	1	1	PTO SEAL INSTALL TOOL	6061	Ø1-9/16 x 1-7/8

RED BARN MACHINE	
TITLE PTO SEAL INSTALL TOOL	
DWG NO. RBT112800	REV 3A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	DRAWN BY: COLE
DECIMALS	APPROVED
XXX ± .005	HEAT TREAT
XX ± .01	FINISH SPEC
X ± .1	ANODIZE CLEAR
FRACTIONS ± 1/32	
ANGLES ± 5°	
UNLESS OTHERWISE SPECIFIED	
1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE NTS	DATE 11-29-01
SHEET 1	of 1

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042445



Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO042445
PO Date: 1/30/19
Due Date: 2/11/19
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	189112	RBT112800-3	PTO Seal Install Tool -Issue P/O to ATG: ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL - Certificate of Conformity is required	Firmed	-	2/11/19	26 pcs	0 pcs	26 pcs	\$4.64/pcs	\$120.64
2	187711	RBE703A94-1130-01-27	Tab Adjuster Body -Issue P/O to ATG: ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 Water seal -Certificate of Conformity is required	Firmed	-	2/11/19	11 pcs	0 pcs	11 pcs	\$4.64/pcs	\$51.04



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PURCHASE ORDER PO042445



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	189111	RBT112800-1	Base (Outsource process- Anodize per QSI017 4.1.10.1) -Issue P/O to ATG: ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL As per Dwg RBT112800 Rev. 3A -Certificate of Conformity is required	Firmed	-	2/11/19	16 pcs	0 pcs	16 pcs	\$4.64/pcs	\$74.24
4	188311	646.3810	Bracket Issue P/O to ATG: AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.3, PRIME CARDINAL 7760-4702 LOW VOC EPOXY PRIMER (LIGHT GRAY) Certification of Conformity is required	Firmed	-	2/11/19	17 pcs	0 pcs	17 pcs	\$5.56/pcs	\$94.52



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PURCHASE ORDER

PO042445



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
5	R189819	RBD29904-RWRevB	Hoist Adapter "D" Model -Issue P/O; -ANODIZE COLOR RED, PER IAW MIL- A-8625 TYPE-2 CLASS-2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed	-	2/8/19	1 pcs	0 pcs	1 pcs	\$4.64/pcs	\$4.64

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Line Item Note ** ASAP URGENT AHH! **

Grand Total: \$345.08

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

CZ

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A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 917223

Date: 08-Feb-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
✓ 26 ea	Part: RBT112800-3 PTO Seal Install Tool Anodize per MIL-A-8625F, Type II, Class 1, Clear, .0004-.0010" (.4 - 1 mils) Water Seal Job: 24604		Rev: 3A PO: PO042445 Line: 1
✓ 11 ea	Part: RBE703A94-1130-01-27 Tab Adjuster Body Clear Anodize per MIL-A-8625F, Type II, Class 1, .0004-.0010" (.4 - 1 mils), Water Sealant Job: 24605		Rev: 6 PO: PO042445 Line: 2
✓ 16 ea	Part: RBT112800-1 Base Anodize per MIL-A-8625F, Type II, Class 1, Clear, .0004-.0010" (.4 - 1 mils) Water Seal Job: 24606		Rev: 3A PO: PO042445 Line: 3
✓ 17 ea	Part: 646.3810 Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 24607		Rev: NC PO: PO042445 Line: 4
✓ 1 ea	Part: RBD29904 Hoist Adapter "D" Model Anodize per MIL-A-8625F, Type II, Class 2, Red, .0004-.0010" (.4 - 1 mils), Water Sealant Job: 24608		Rev: A PO: PO042445 Line: 5
	CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Made in Canada.		

DAS
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A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 917223

Date: 08-Feb-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

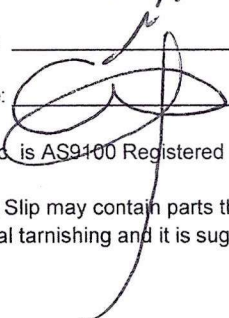
Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via
		ATG Delivery
Quantity	Description	
	Date: <u>8/2/19</u> Certified Signature: _____ Receiver Signature:  A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.	
Made in Canada.		